Report for ASE - Homewok 1

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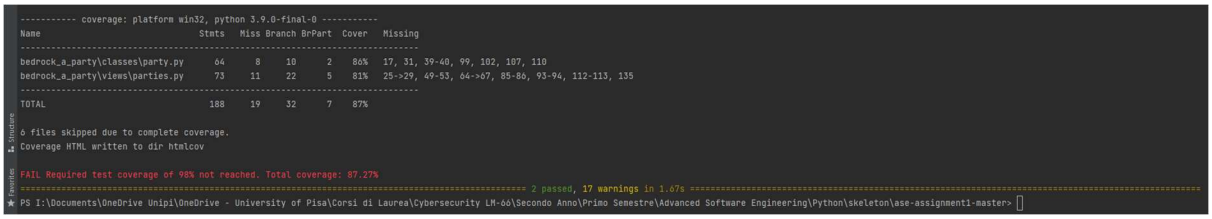
Repo link: https://github.com/giuseppe-crea/ASE_Assignment_1

Screenshots

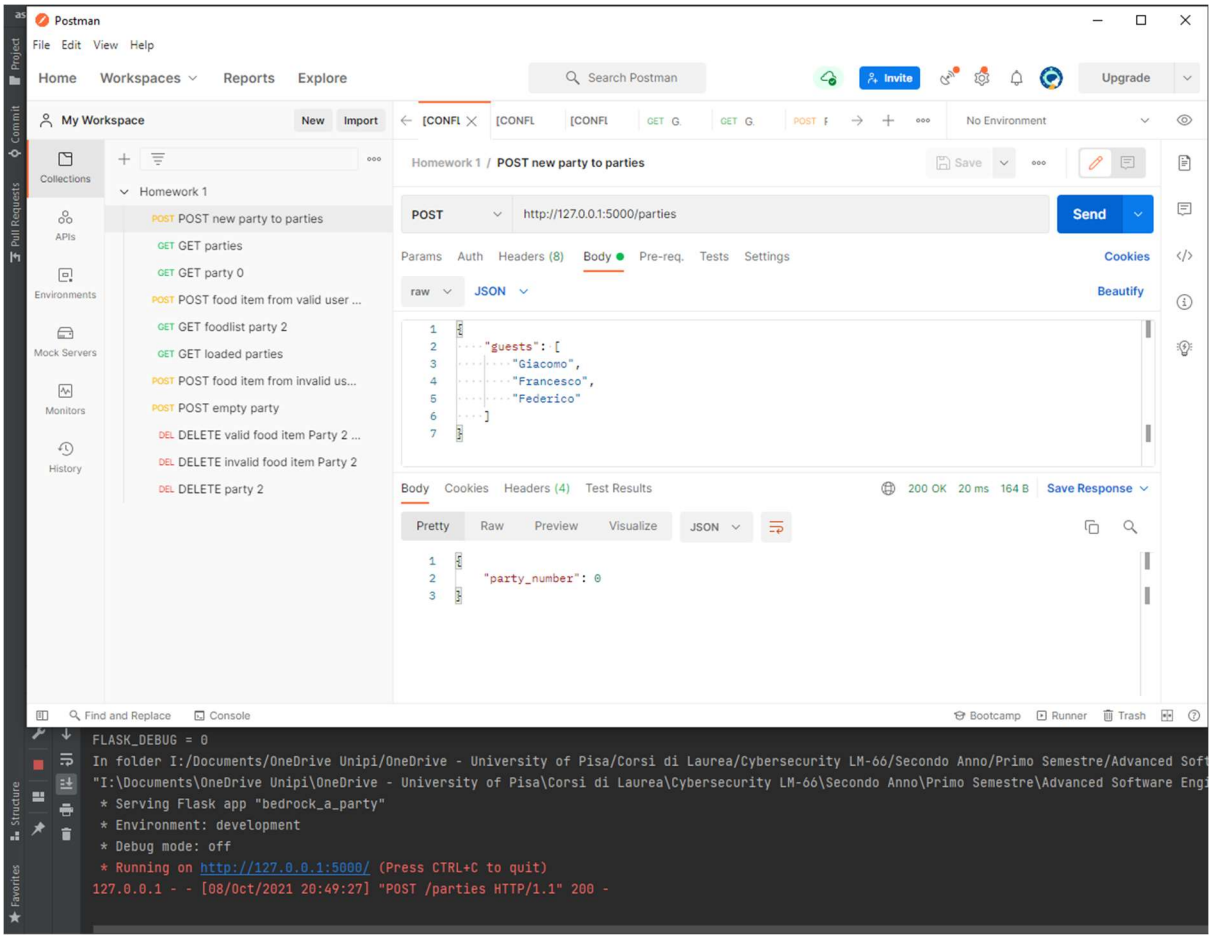
Successful execution of the tests



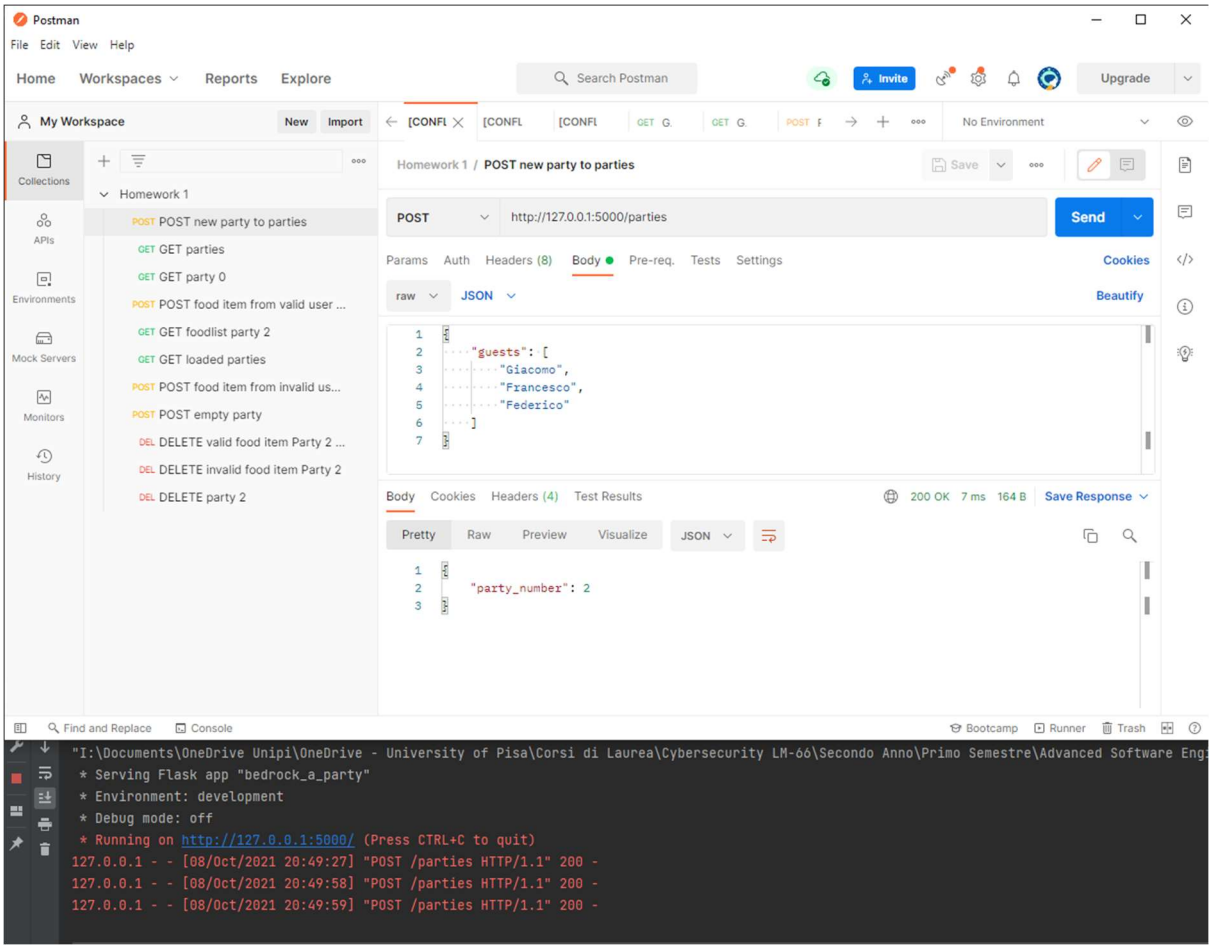
Operations sorted by the order in which they appear within the test file.

1- Test File Success

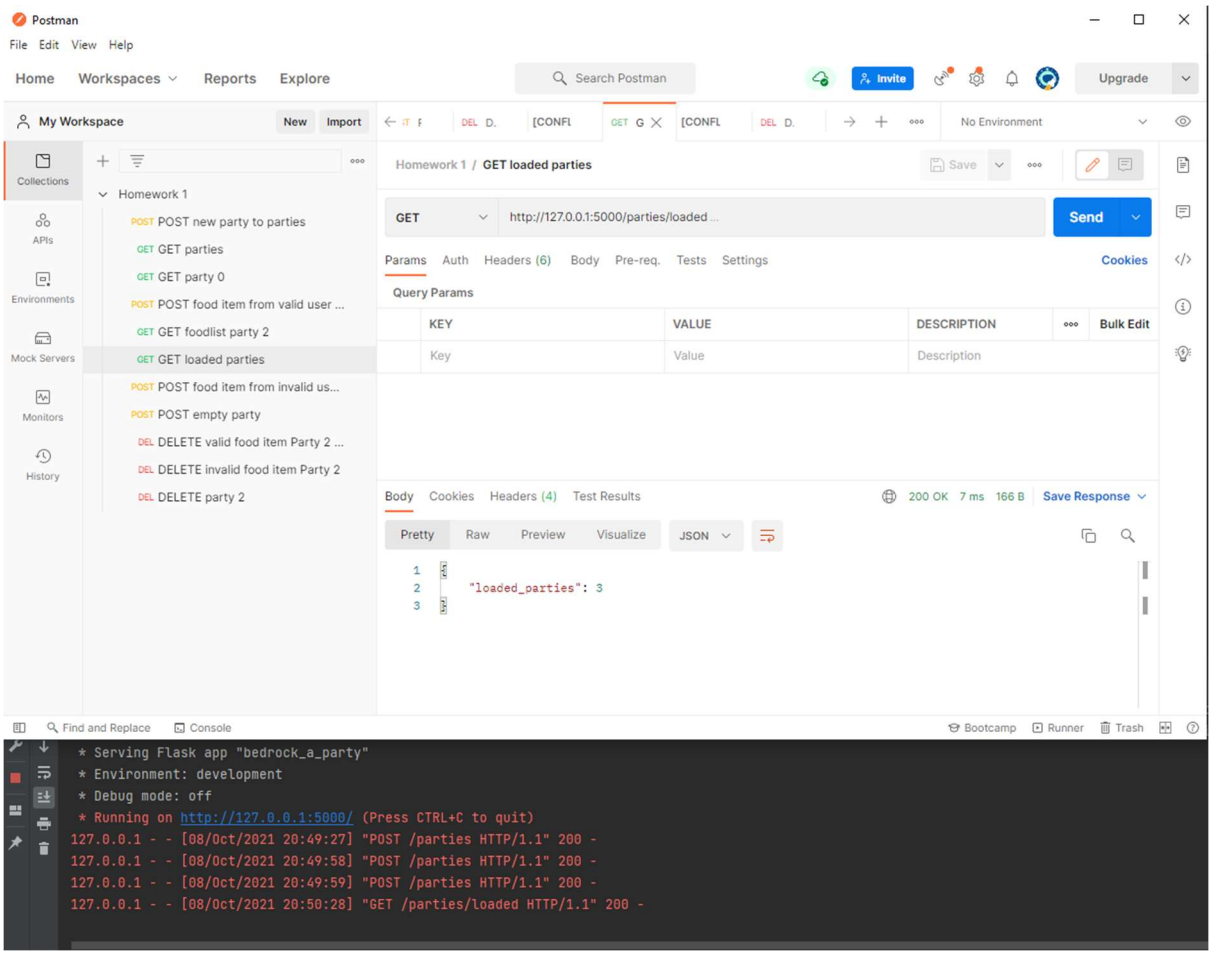
1st Test Case



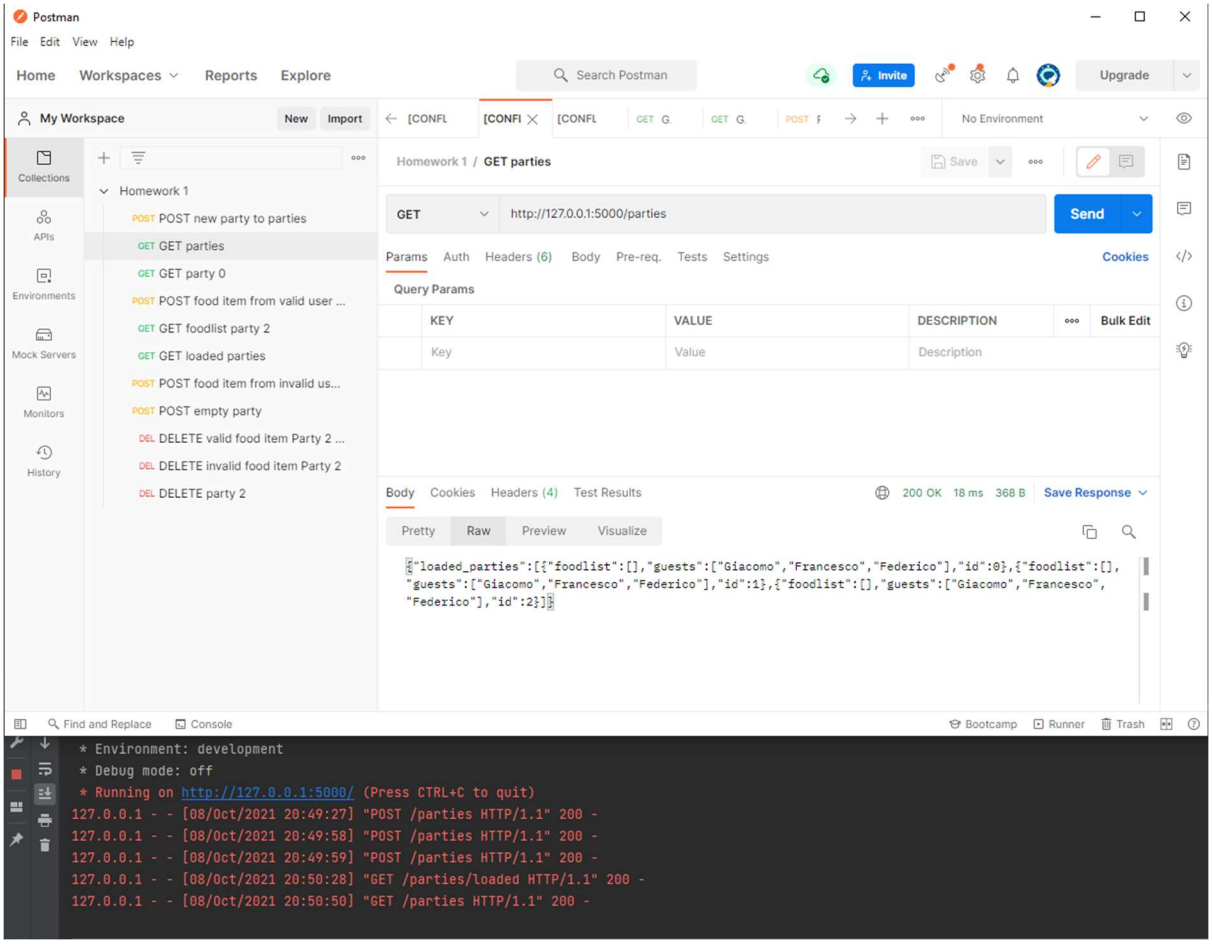
2- POST a new party in /parties



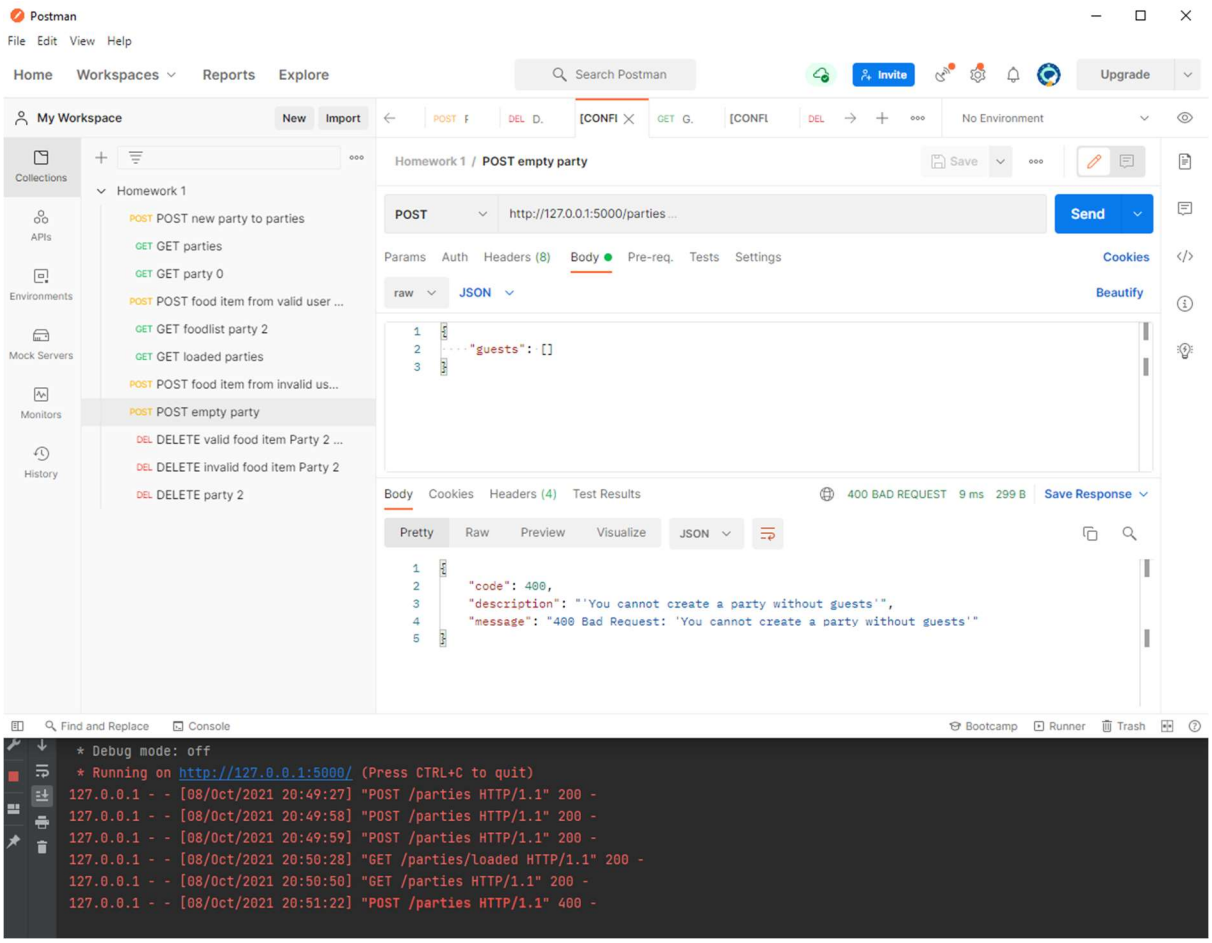
3- POST two additional copies of that party



3- GET /parties/loaded

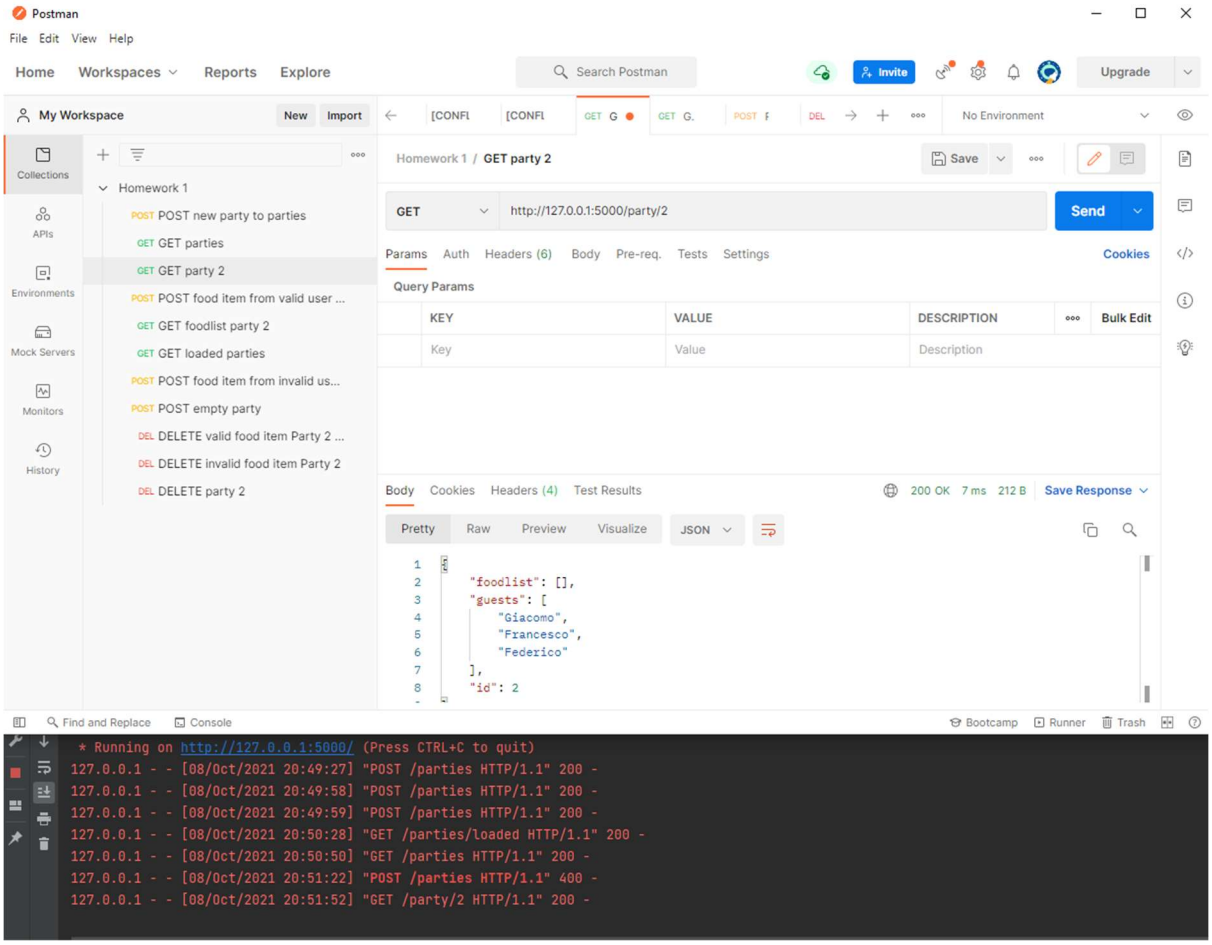


4- GET /parties, return json shrunk for readability

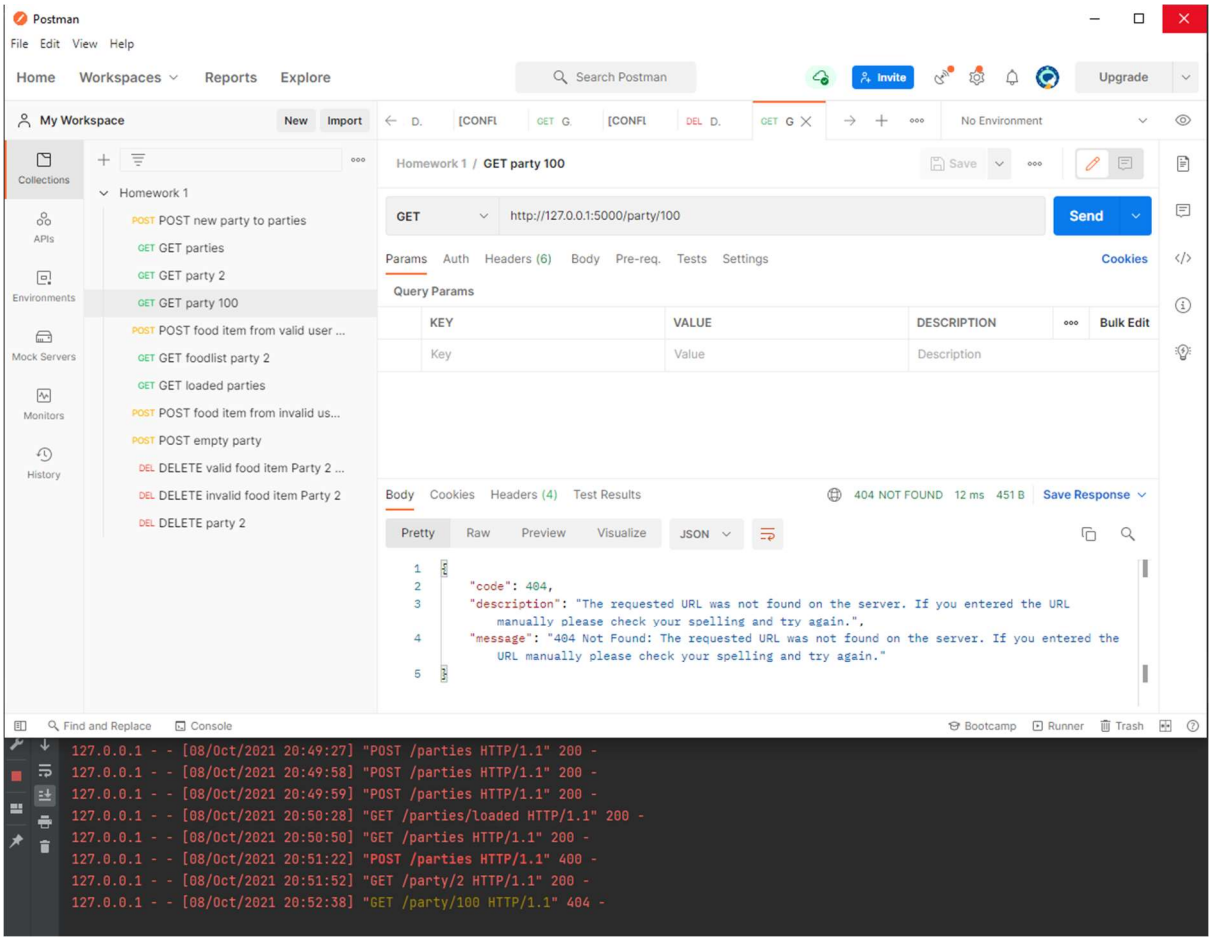


5- POST /parties with empty party

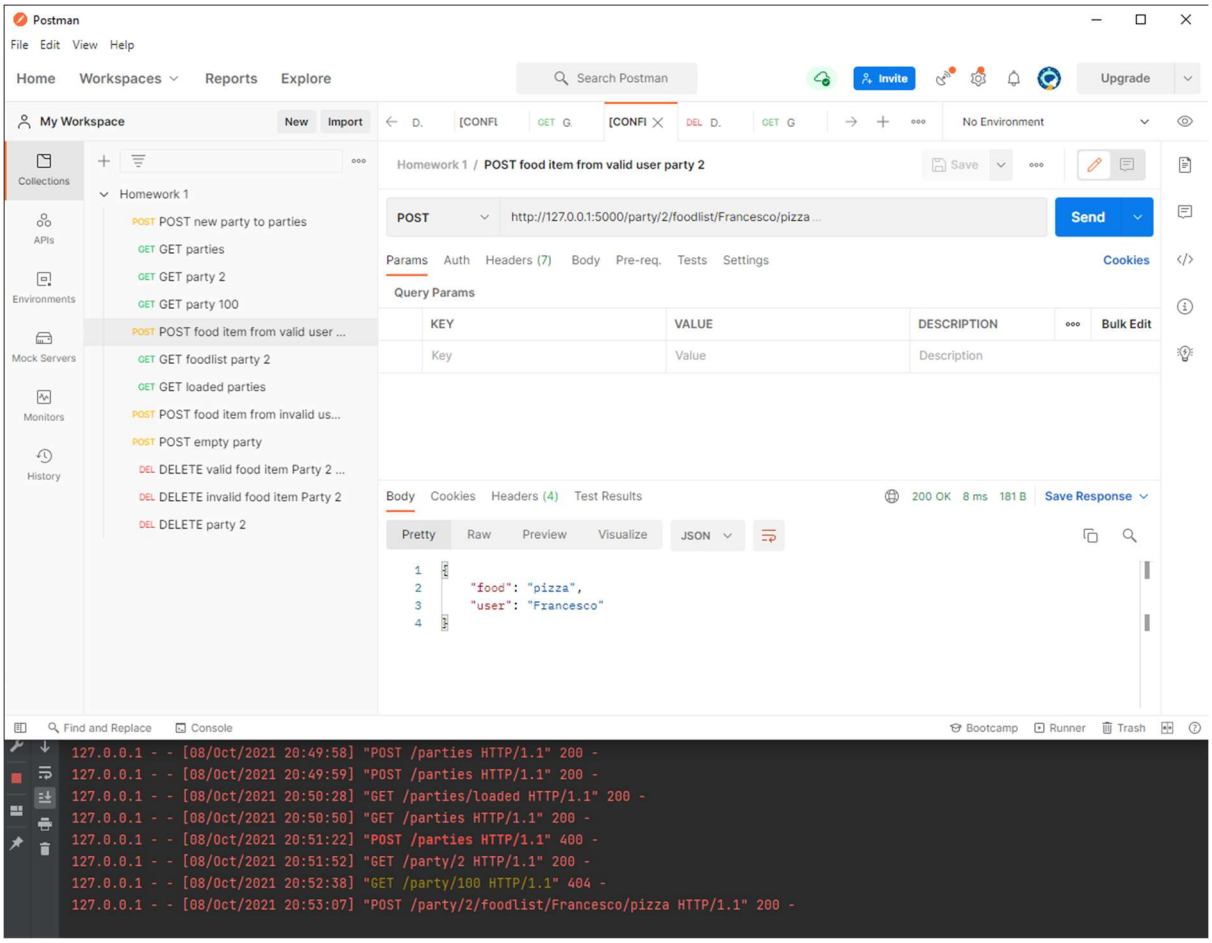
2nd Test



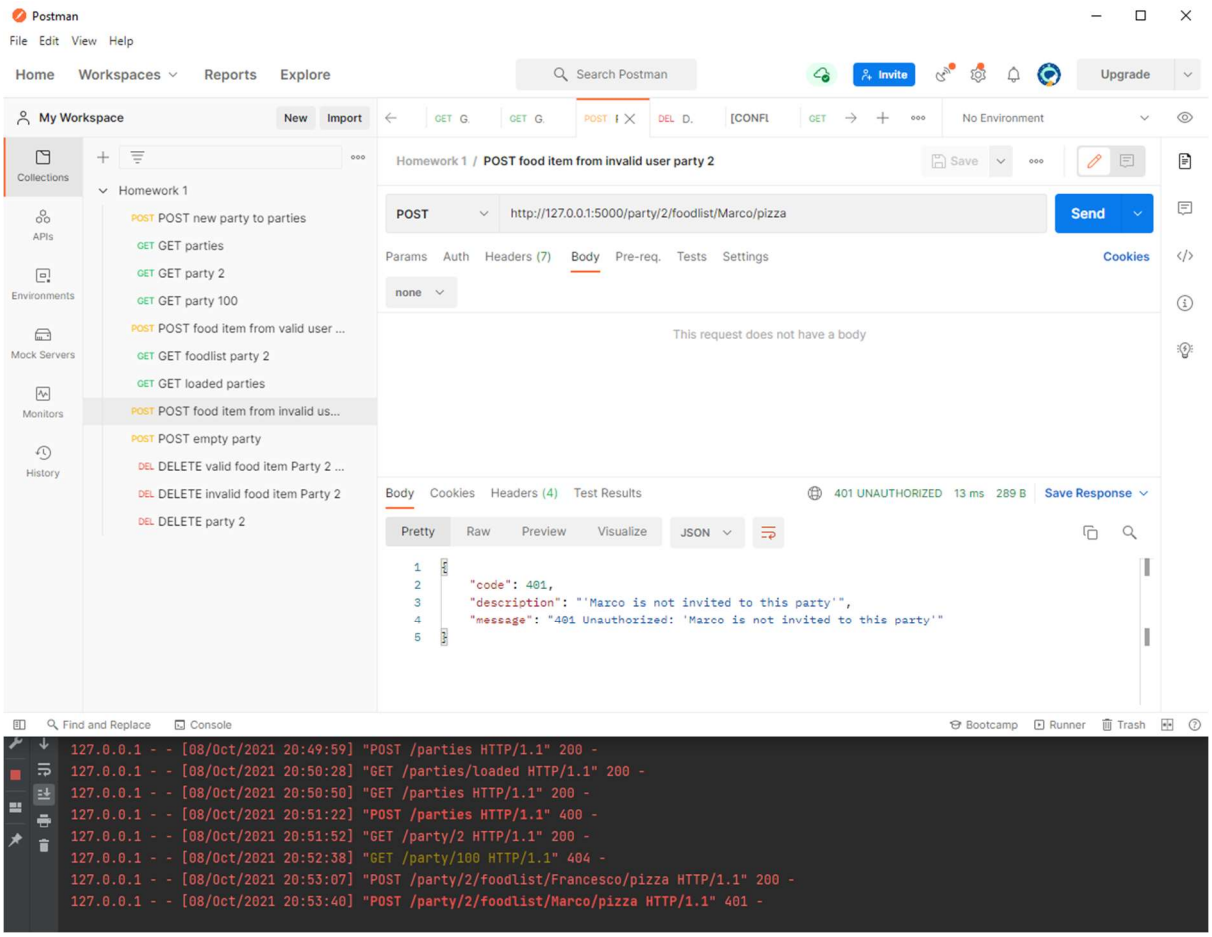
6- GET /party/2



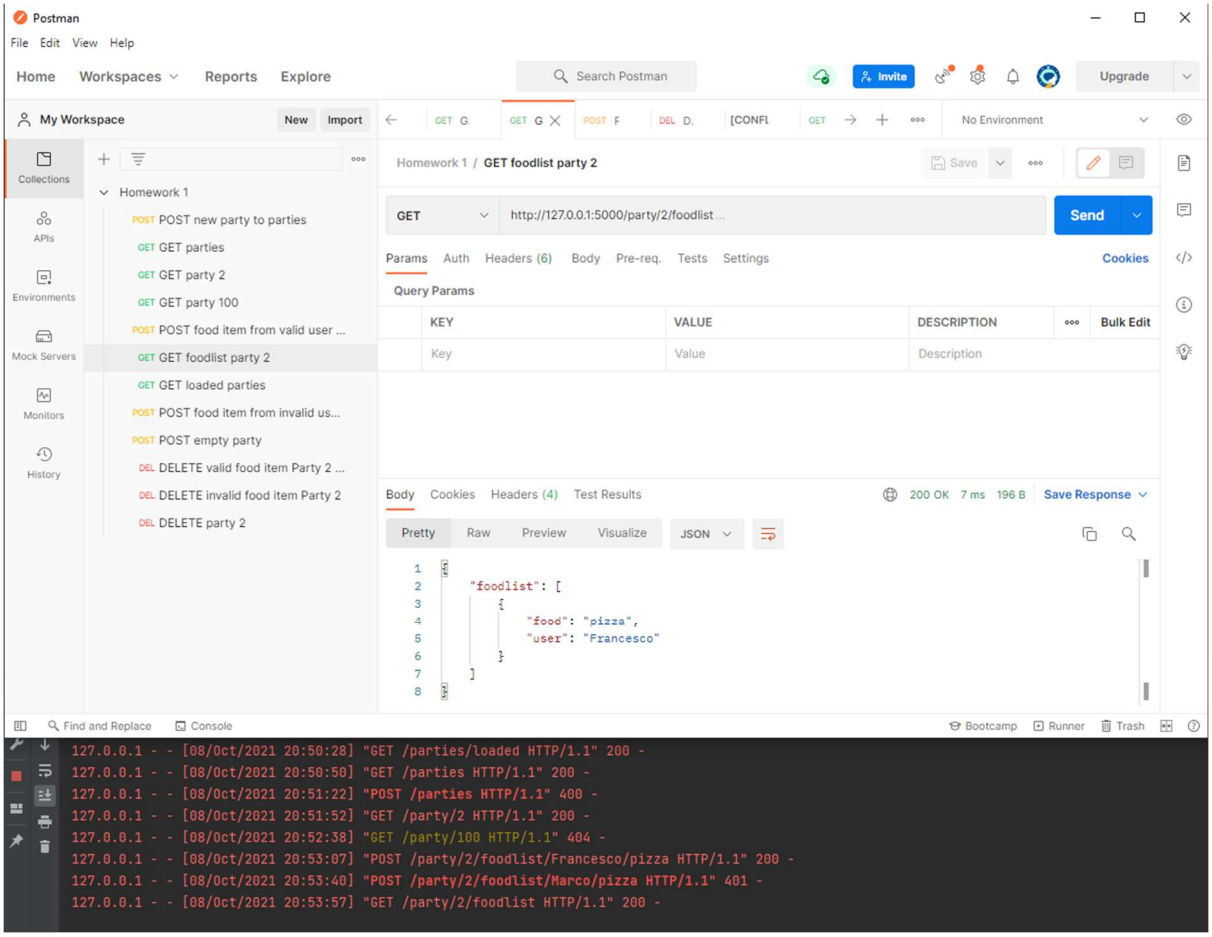
7- GET /party/100



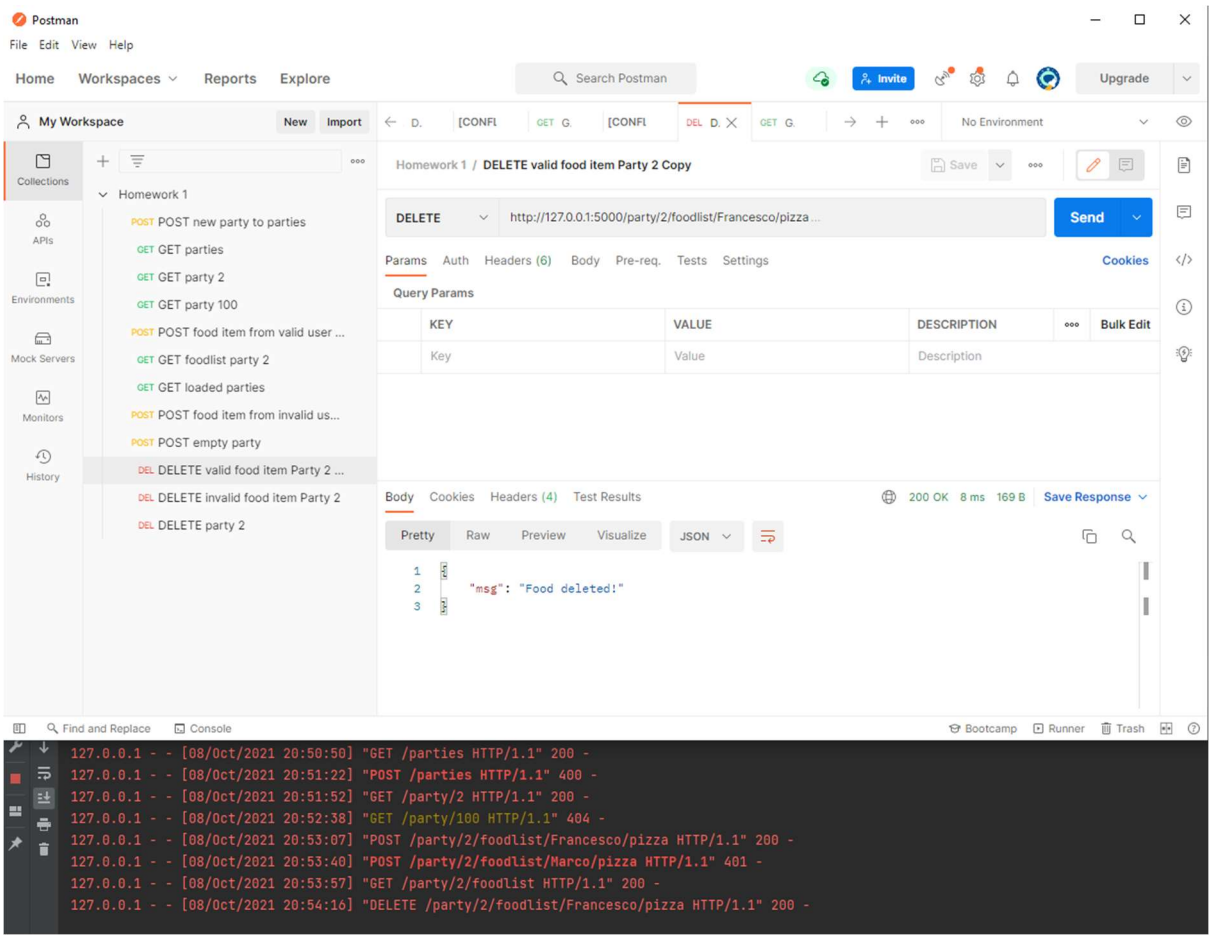
8- POST a new food item in existing party from guest of that party



9- POST a new food item to existing party from someone who is NOT a guest of that party

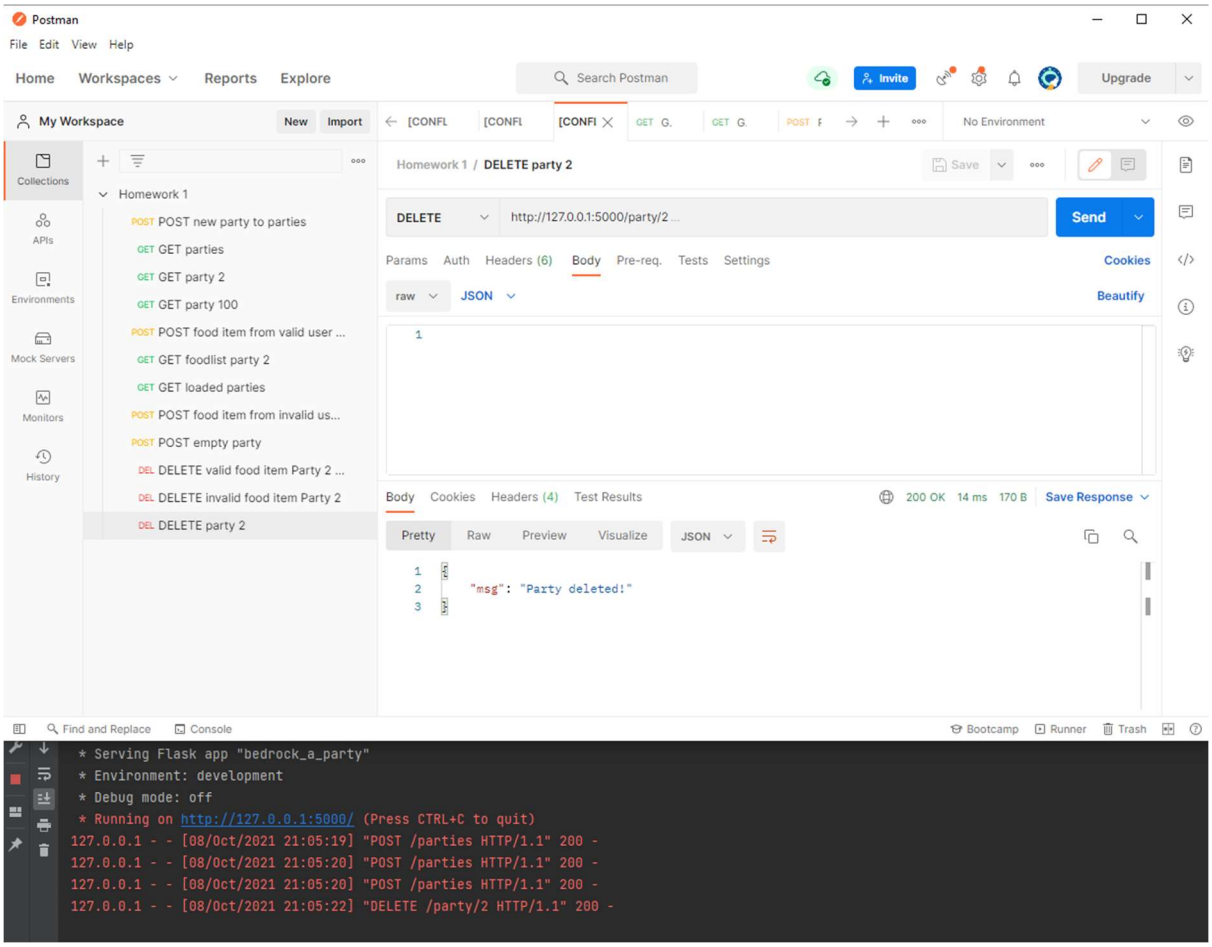


10- GET party/2/foodlist

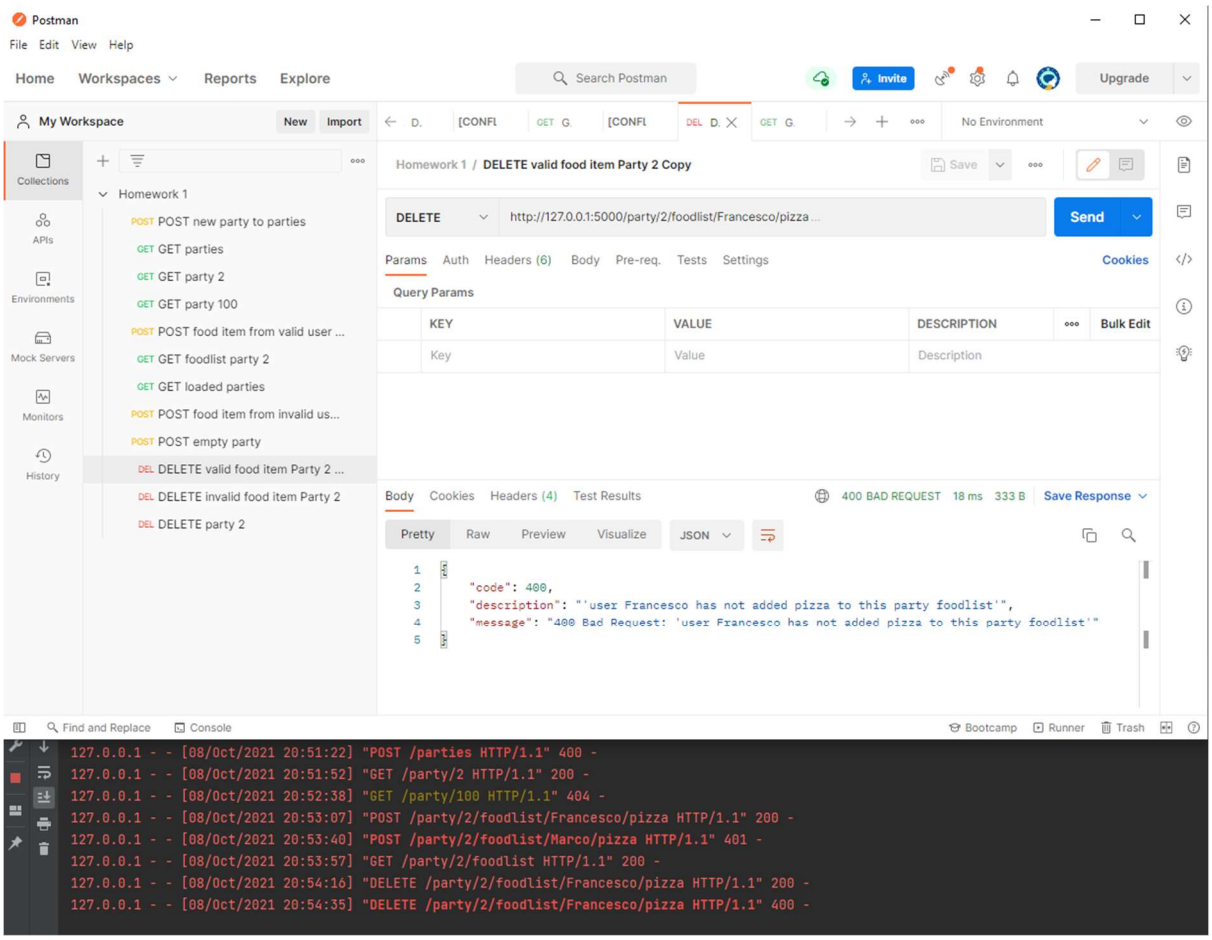


11- DELETE valid food item from foodlist

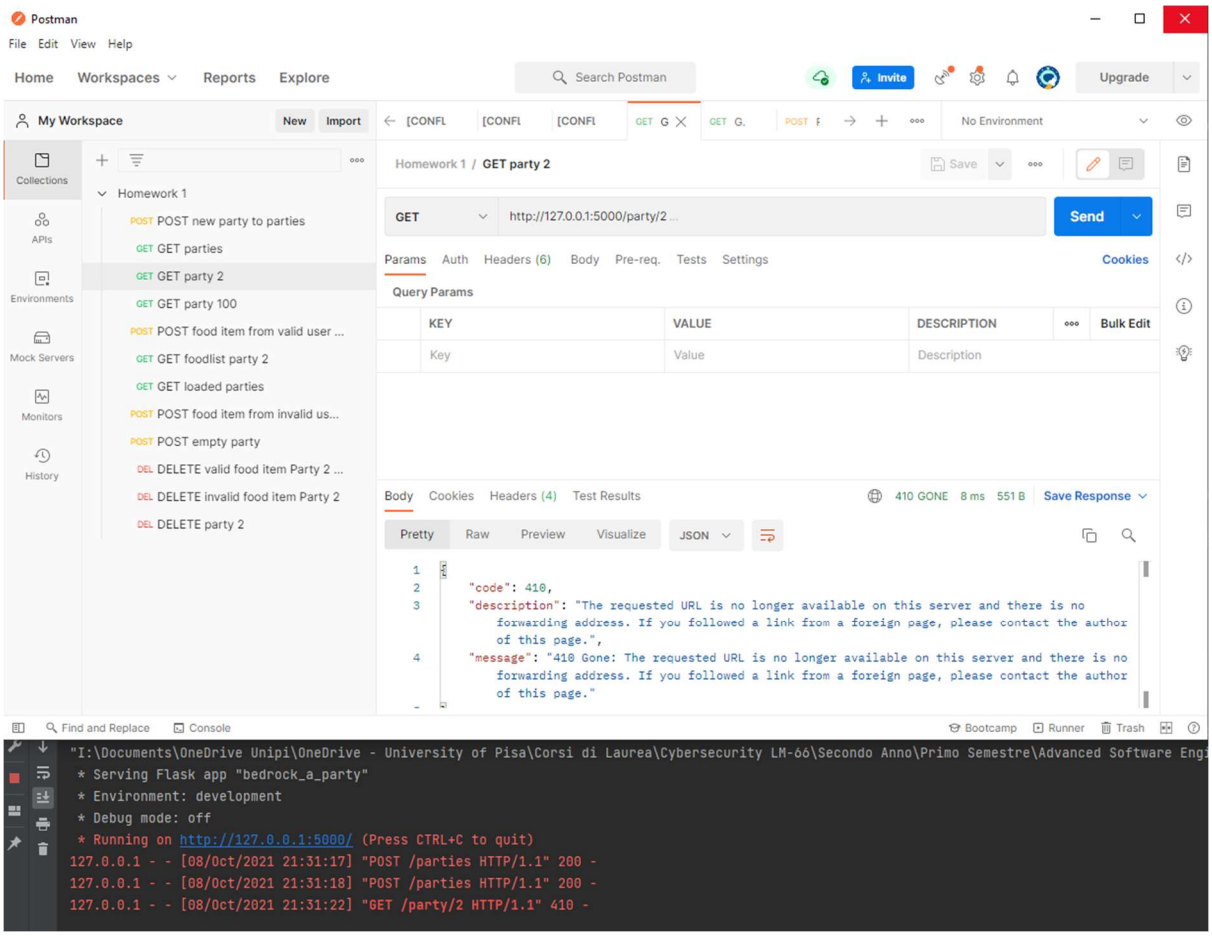
Outside of Tests:



12- Delete an existing Party (lines 52-56 of parties.py)



13- Delete a non-existent food item from a party, through a valid guest (lines 39-40 of party.py and 96-97 of parties.py)

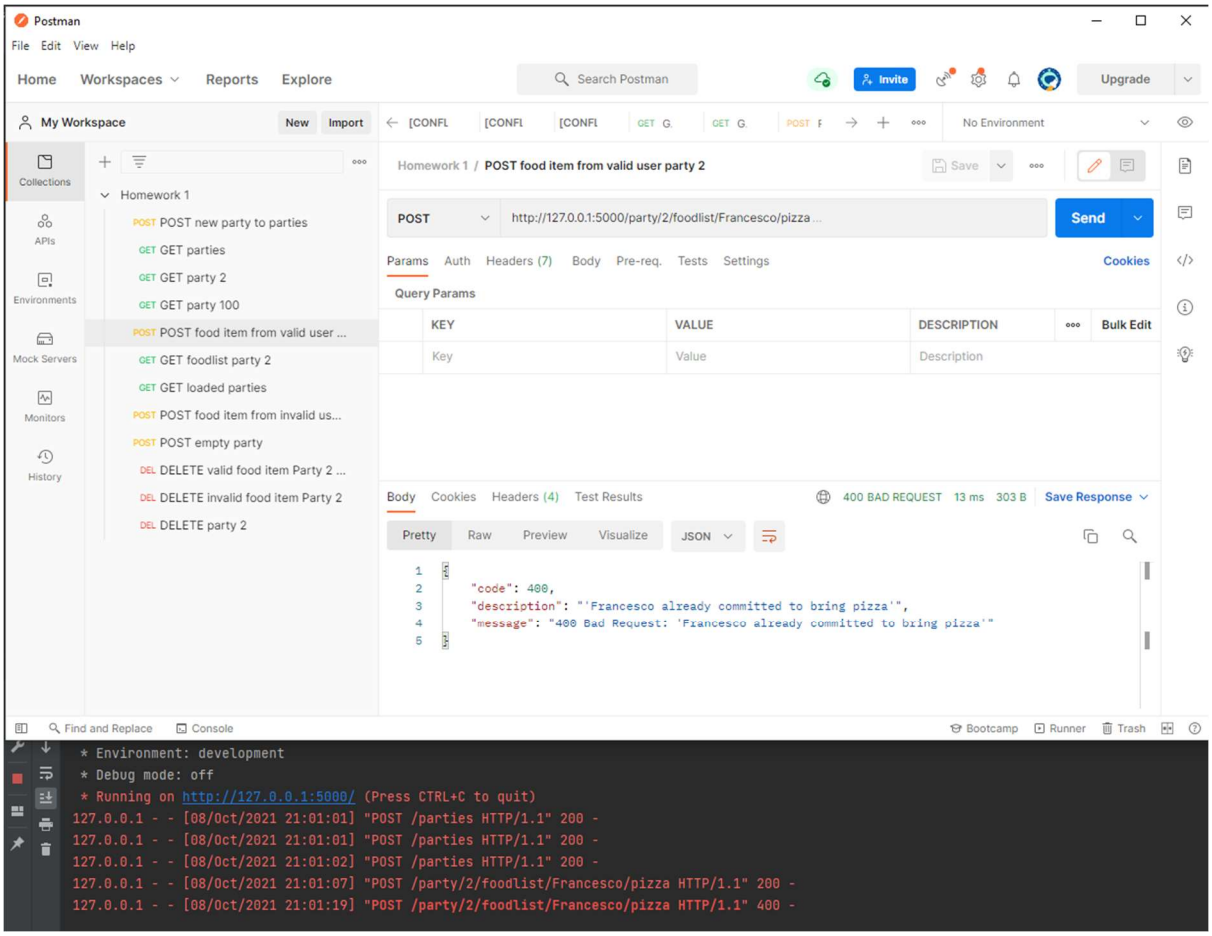


14- GET a non-existing party in a special condition

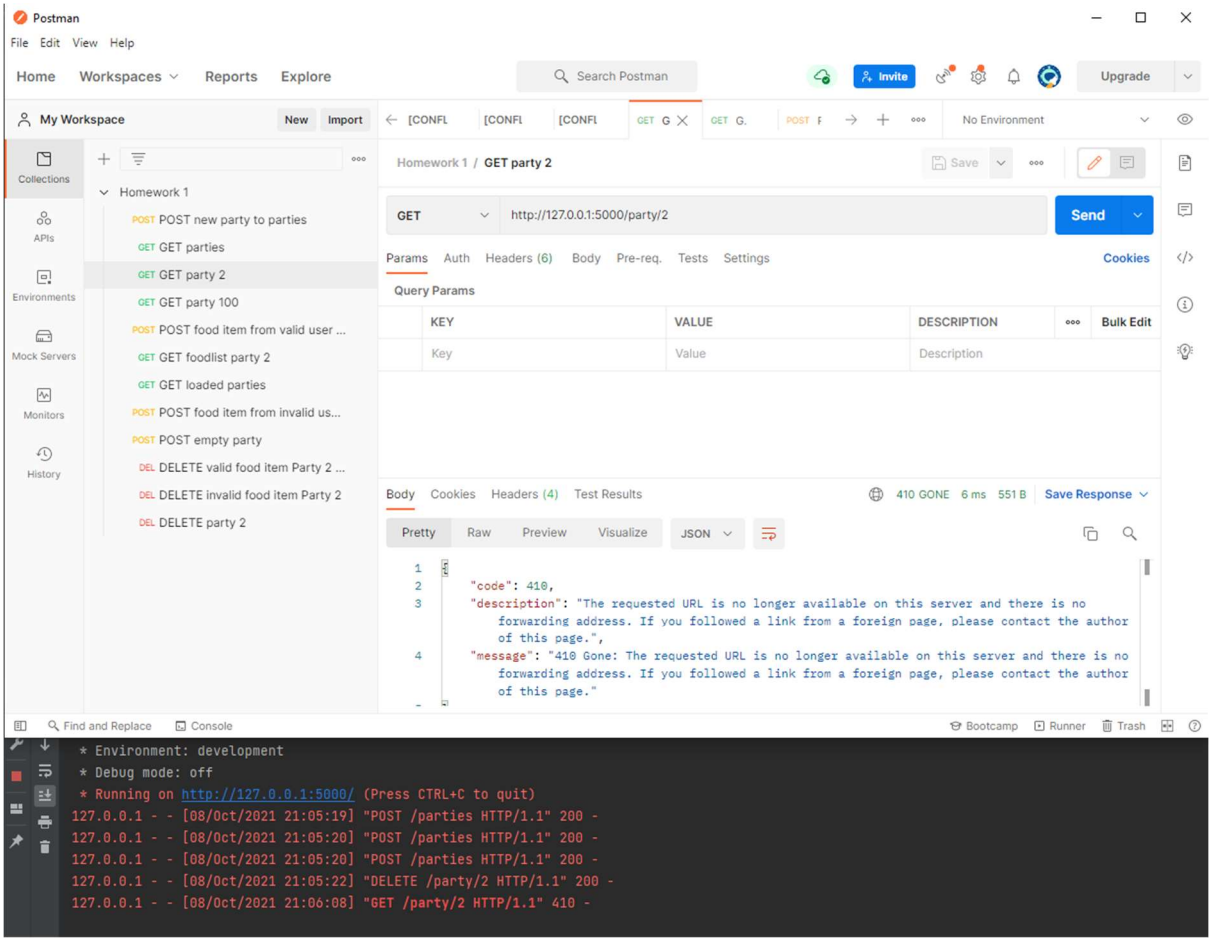
The above code deserves remarking upon, as it is a bug generated by line 135 of parties.py.

```
if int(_id) > _PARTY_NUMBER:
```

This line should be a >= check, because _PARTY_NUMBER is incremented right after assigning the latest party id. This means that it will always be 1 higher than the highest valid party id. If the highest party id is 1 as in that picture, and we try and GET the party with id 2, we will receive an inaccurate error message as a result.



15- One user trying to insert the same food twice (lines 30-31 of party.py and 88-89 of parties.py)



16- Trying to access a deleted party (line 138, parties.py)

This should cover all possible operations within the code.